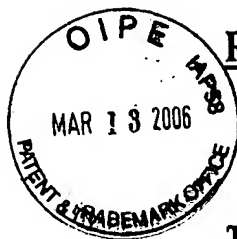


STIC Biotechnology Systems Branch



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/643,627A
Source: FW/6
Date Processed by STIC: 10/27/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

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<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street,
Alexandria, VA 22314

Revised 01/24/05



IFW16

RAW SEQUENCE LISTING

DATE: 10/27/2005

PATENT APPLICATION: US/10/643,627A

TIME: 11:55:18

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\10272005\J643627A.raw

3 <110> APPLICANT: Sundelin, Johan
4 Scarborough, Robert M.
6 <120> TITLE OF INVENTION: Recombinant C140 Receptor, Its Agonists and Antagonists, and
7 Nucleic Acids Encoding the Receptor
9 <130> FILE REFERENCE: 44481-5006-09-US
11 <140> CURRENT APPLICATION NUMBER: US 10/643,627A
12 <141> CURRENT FILING DATE: 2003-08-19
14 <150> PRIOR APPLICATION NUMBER: US 10/127,691
15 <151> PRIOR FILING DATE: 2002-04-23
17 <150> PRIOR APPLICATION NUMBER: US 08/097,938
18 <151> PRIOR FILING DATE: 1993-07-26
20 <150> PRIOR APPLICATION NUMBER: US 08/390,301
21 <151> PRIOR FILING DATE: 1995-01-25
23 <150> PRIOR APPLICATION NUMBER: US 08/474,414
24 <151> PRIOR FILING DATE: 1995-06-07
26 <160> NUMBER OF SEQ ID NOS: 64
28 <170> SOFTWARE: PatentIn Ver. 2.1

Does Not Comply
Corrected Diskette Needed

ERRORED SEQUENCES

1979 <210> SEQ ID NO: 64
1980 <211> LENGTH: 424 425 shown (p.2)
1981 <212> TYPE: PR1
1982 <213> ORGANISM: Homo sapiens
1984 <400> SEQUENCE: 64
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1986 1 5 10 15
1988 Gly Pro Leu Leu Ser Ala Arg Thr Arg Ala Arg Arg Pro Glu Ser Lys
1989 20 25 30
1991 Ala Thr Asn Ala Thr Leu Asp Pro Arg Ser Phe Leu Leu Arg Asn Pro
1992 35 40 45
1994 Asn Asp Lys Tyr Glu Pro Glu Trp Glu Asp Glu Glu Lys Asn Glu Ser
1995 50 55 60
1997 Gly Leu Thr Glu Tyr Arg Leu Val Ser Ile Asn Lys Ser Ser Pro Leu
1998 65 70 75 80
2000 Gln Lys Gln Leu Pro Ala Phe Ile Ser Glu Asp Ala Ser Gly Tyr Leu
2001 85 90 95
2003 Thr Ser Ser Trp Leu Thr Leu Phe Val Pro Ser Val Tyr Thr Gly Val
2004 100 105 110
2006 Phe Val Val Ser Leu Pro Leu Asn Ile Met Ala Ile Val Val Phe Ile
2007 115 120 125
2009 Leu Lys Met Lys Val Lys Lys Pro Ala Val Val Tyr Met Leu His Leu

RAW SEQUENCE LISTING

DATE: 10/27/2005

PATENT APPLICATION: US/10/643,627A

TIME: 11:55:18

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\10272005\J643627A.raw

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2012 Ala Thr Ala Asp Val Leu Phe Val Ser Val Leu Pro Phe Lys Ile Ser
2013 145      150      155      160
2015 Tyr Tyr Phe Ser Gly Ser Asp Trp Gln Phe Gly Ser Glu Leu Cys Arg
2016      165      170      175
2018 Phe Val Thr Ala Ala Phe Tyr Cys Asn Met Tyr Ala Ser Ile Leu Leu
2019      180      185      190
2021 Met Thr Val Ile Ser Ile Asp Arg Phe Leu Ala Val Val Tyr Pro Met
2022      195      200      205
2024 Gln Ser Leu Ser Trp Arg Thr Leu Gly Arg Ala Ser Phe Thr Cys Leu
2025      210      215      220
2027 Ala Ile Trp Ala Leu Ala Ile Ala Gly Val Val Pro Leu Val Leu Lys
2028 225      230      235      240
2030 Glu Gln Thr Ile Gln Val Pro Gly Leu Asn Ile Thr Thr Cys His Asp
2031      245      250      255
2033 Val Leu Asn Glu Thr Leu Leu Glu Gly Tyr Tyr Ala Tyr Tyr Phe Ser
2034      260      265      270
2036 Ala Phe Ser Ala Val Phe Phe Phe Val Pro Leu Ile Ile Ser Thr Val
2037      275      280      285
2039 Cys Tyr Val Ser Ile Ile Arg Cys Leu Ser Ser Ser Ala Val Ala Asn
2040      290      295      300
2042 Arg Ser Lys Lys Ser Arg Ala Leu Phe Leu Ser Ala Ala Val Phe Cys
2043 305      310      315      320
2045 Ile Phe Ile Ile Cys Phe Gly Pro Thr Asn Val Leu Leu Ile Ala His
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2048 Tyr Ser Phe Leu Ser His Thr Ser Thr Thr Glu Ala Ala Tyr Phe Ala
2049      340      345      350
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2052      355      360      365
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2057 Ile Leu Cys Cys Lys Glu Ser Ser Asp Pro Ser Ser Tyr Asn Ser Ser
2058 385      390      395      400
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B--> 2064      420 420
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VERIFICATION SUMMARY

DATE: 10/27/2005

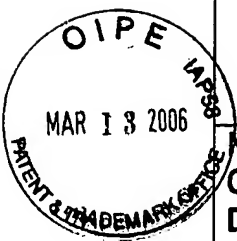
PATENT APPLICATION: US/10/643,627A

TIME: 11:55:19

Input Set : A:\sequence listing.txt

Output Set: N:\CRF4\10272005\J643627A.raw

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 L:746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
 L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0
 L:786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12 after pos.:0
 L:805 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
 L:824 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:14 after pos.:0
 L:843 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0
 L:862 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16 after pos.:0
 L:881 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17 after pos.:0
 L:900 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18 after pos.:0
 L:1358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:0
 L:1377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:0
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 L:1417 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:53 after pos.:0
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 L:1503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58 after pos.:0
 L:1523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
 L:2064 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:64
 L:2064 M:252 E: No. of Seq. differs, <211> LENGTH:Input:424 Found:425 SEQ:64



Notice to Comply

Application No.
10/643,627

Applicant(s)
Sundelin et al.

Examiner
David Guzo

Art Unit
1636

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☒ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☐ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☒ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other:

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☒ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment specifically directing its entry into the application.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216 or (703) 308-2923

For CRF Submission Help, call (703) 308-4212 or 308-2923

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